AMENDMENTS TO THE SPECIFICATION

On page 7, please replace paragraph **[0028]** with the following amended paragraph.

[0028] The HLMS-boundary-scan interface 112 provides the interface between the HLMS 102 and reconfigurable hardware platform [[108]] <u>110</u> via connector or cable 136. HLMS-boundary-scan interface 112 translates requests from the HLMS 102 to boundary scan format. Specific example functions include opening and closing a board, forcing input data on a port, extracting output data from a port, and controlling the clock signal input to the hardware platform. It will be appreciated that the HLMS-boundary scan interface may be implemented by adapting an existing program callable interface for controlling a hardware-level simulation via software. The adaptation makes the interface callable from the HLMS and translates requests and data between boundary scan and HLMS formats.